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The Tech News Volume 14, Issue 19, February 27 1923

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Recommended Citation

The Students of Worcester Polytechnic Institute, "The Tech News Volume 14, Issue 19, February 27 1923" (1923). *Tech News All Issues*. Book 767.

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TECH NEWS

VOL. XIV.

WORCESTER, MASS., FEB. 27, 1923

NO. 19

CLOSE TRACK WIN OVER M. A. C.

Four Firsts For Tech

Tech took the Mass. Aggies into camp last Thursday by winning the dual track meet. It was closely contested throughout and not until the next to the last event was the outcome certain. The final score was 33-35. The lead saw-sawed back and forth during the first few events—Tech at one time being five points behind.

The first event was the 440 yard dash. It was a real race throughout. "Dunc" MacInnes maintained the lead till the last lap. At that time MacCready of M. A. C. took and kept the lead. The Aggies got first and third places. We got second, Score 6-3.

Upon the completion of the quarter-mile the 30 yard high hurdles were run off. Both the visiting entrants knocked down their hurdles, whereas neither of our men did. Winkler and Lundgren finished first and second for Tech, with Nelson of M. A. C. third. Score 7-11.

The 300 yard dash which was next held was not as profitable as the hurdles. Cahill and his team-mate, Roberts, secured first and third for M. A. C. Hathaway could find nothing better than second place. Score 13-14.

The next race left Tech two points ahead, due to the excellent work of Captain "Dinny" Forbes. His game fight gave him first place in the 880 yard run with Pierce and Tisdale trailing in the order named. Score 17-19.

We were destined to suffer reversal in the next event—the mile. Ruggles, Tech's only entry was able to get but third place whereas Friend and MacCready secured first and second places. Score 25-20. At about this time the spectators showed some signs of life and appreciation of the close contest.

The high-jump was Tech's strongest event. M. A. C. was so unfortunate as to have no men left after the bar had been raised twice. This disqualification of all the visitors left three Worcester men to divide the honors. After several attempts they were awarded the following honors: Curran, first; Wightman, second; Winkler, third. Curran amused the on-lookers because he wore a heavy sweater and common trousers. Score 25-29.

The deciding event of the day was the shotput. After six trial puts by each of the four entries, Perry of Worcester was chosen the winner. Roberts and Brummer were tied for second place. They settled the dispute by three more trials, Brummer winning by a fair margin. Score 28-35.

The relay was won by the visitors giving them 33 to our 35 points.

The highest individual scorer was MacCready of M. A. C. who is credited with 8 points. Worcester's highest scorer was Winkler who won 6 points.

Starter, I. E. Bigler, Judges and timers, A. J. Knight, Cowden, Steele, Gould.

He—Blessed are the pure and chaste.
She—Yes, the purer you are the less
you are chased.—"Ee"—"Aw"

TWO GAMES THIS WEEK

M. I. T., Princeton

Tech has two more hard games on the schedule for this week, meeting Massachusetts Institute of Technology Thursday night in Cambridge and Princeton in Alumni gymnasium Saturday night. The game with M. I. T. was originally scheduled for Wednesday night but due to some festivities that are being held there that night the date for the game was moved forward a day. In an encounter with the Boston Tech team a year ago on our home court, we easily handed them a defeat to the tune of 43-18. But this year M. I. T. has been displaying a brand of play much above that of last season and should force us to the utmost to defeat them. A week or so ago Brown met M. I. T. and just nosed out ahead of them.

The second game of the week is with the powerful Princeton team of the Intercollegiate League, when they stop off here on a trip to Dartmouth to play a league game. Princeton comes here this year with almost the same team that represented them last year when they handed Tech a 47 to 30 beating in one of the most thrilling and nerve-racking games ever seen on Boynton Hill. The game this year should be up to par with that of last year and if things break right it would not be a surprise to many to see Tech come out ahead. Things have not been going along as well for the Princeton five as had been expected. With practically the same team that cleaned up in the Intercollegiate last season, Princeton is down in third place and practically out of the running.

In Jeffries and Loeb, the Tiger has a pair of players who are on a par with any in the collegiate basketball world and will certainly bear watching Saturday night. Princeton will have plenty of substitutes of a high calibre to send in when the right time occurs, and if she uses them as effectively as she did a year ago, Tech will have to hustle to come out ahead.

There was a Frosh who set out to be a runner but all he got for his pains was liniment.

"She's a very sensitive girl—responds to atmosphere very easily."
"That's nothing. My girl responds without atmosphere." —Widow.

SCHEDULE AND SCORES

- *Dec. 16. B. P. I. 12, Tech 31
- Jan. 9. Brown 16; Tech 18.
- *Jan. 12. R. I. State 36; Tech 35
- *Jan. 20. Spring. 42, Tech 12
- *Jan. 27. Harvard 28; Tech 20
- Feb. 3. U. of Me., 49; Tech 26
- *Feb. 7. M. A. C., 16; Tech, 20
- *Feb. 10. N. H. S., 24; Tech, 32
- Feb. 17. Harv. 31; Tech 28
- *Feb. 22. Clark 26; Tech 21
- Feb. 24. Brown 30; Tech 37
- Mar. 1. M. I. T. at Cambridge
- *Mar. 3. Princeton
- *Mar. 10. Rensselaer
- *Home Games

EXTENSION COURSES

Lectures Open To All

Following the custom of the past two years, extension courses are to be offered during March and April. These lectures are free to anyone interested. Previous extension courses were designed to interest men connected with the various industries of the city. The two courses offered this year are of wider interest. Everyone connected with the Institute will be most welcome to both courses.

The first course to begin is one by A. W. Ewell upon Aeronautics. Mr. Ewell was head of the bomb unit of the air service in France during the war. After the armistice he was in charge of bomb development and testing in this country and since discharge has been connected with the war department as a special expert upon aerial bombs.

There will be five lectures on Friday afternoons during March from quarter of five to quarter of six, in the physics lecture room of the Salisbury Laboratories. The general principles of flight will be explained and descriptions given of the various types of airplanes, both lighter than air and heavier than air. The lectures will be illustrated with a great number of slides.

Extension course IX applies particularly to homes. The lectures will be held at eight o'clock Monday evenings from March 18 through April 23 in the Electrical Engineering lecture room. The first two lectures will be by Professor Zinn upon food analysis. The lecture by Professor Read will be upon heat and ventilation. The lecture by Professor French will be on house construction. The two lectures by Professor Knight will be electrical appliances in the household.

Lectures will be extremely practical and will be illustrated by lantern slides and various appliances, etc.

DOMESTIC TECHNOLOGY. A series of six lectures open to the public. Electrical Engineering Lecture Room, Salisbury Street, 8:00 P. M., Monday evenings, March 19—April 23, 1923.

FOOD ANALYSIS. Professor J. B. Zinn. Two lectures, Mar. 19-26; Nourishment of Various Foods, Vitamins, Preservation of Foods, Adulteration, Poisons.

HEAT AND VENTILATION. Professor C. A. Read. One lecture, April 2. Methods of Use and Economic Value of Various Fuels, Scientific Ventilation, Humidity.

HOUSE CONSTRUCTION. Professor A. W. French. One lecture, April 9. Advantages and Disadvantages of Various Building Materials, Drainage and Plumbing, Reduction of Fire Hazard, Prevention of Heat Losses, Painting, Roofing.

ELECTRICAL APPLIANCES IN THE HOUSEHOLD. Professor C. D. Knight. Two lectures, April 16 and 23. Types of Electrical Appliances, Proper Installation and Operation, Cost of Operation, Precautions Against Fire Hazard, Meters and Meter Reading, Electric Lighting in the Home.

(Continued on Page 4, Col 4)

CLARK WINS FROM WORCESTER TECH

Scrappy, Clean Game Thruout

WIN OVER BROWN 37-30

CLARK GAME

Before a record crowd for the season, the Clark College basket shooters handed Tech a defeat the night of Washington's birthday in one of the most thrilling games staged in Alumni Gym in a long time. For the past three seasons Clark has been trying to do this, coming up to Boynton Hill hopeful of victory, but each time being turned back defeated until last Thursday night, when by a snappy opening they obtained a lead which Tech was never able to overcome. The result was a great surprise to most of the basketball dopesters, who predicted a win for Tech even though Clark had been coming along fast of late. On the floor Tech put up a superior brand of play to that displayed by Clark, but the Main South quintet made good the most of their chances and those coupled with several long shots brought them the victory. Tech failed to make the most of their chances to score, time after time missing easy shots from directly under the basket.

The game was of the rapid-fire type with both teams going at top-speed every second of play. Excitement ran high at all times, each cheering section trying to outdo the other. The Clark section, with just about half the number of men that made up the Tech section surely showed some pep in their cheers and backed their team in fine style. Clark obtained an early lead, scoring five points before Tech could find their basket. They slowly advanced this margin until at one time during the first half of play they held an eight point lead. Before the end of the half Tech cut this down and half time found the score 17 to 11 with Clark on the long end.

The opening of the second half was a repetition of that of the first half. In but a few minutes of the fastest kind of play Clark had added four more points to their score and things began to look rather hopeless for Tech, but here the defense stiffened and for a time Clark found it almost impossible to get within range of the basket. Once again the Tech players set to work to cut down this lead and at one time were within four points of Clark's score, but try as they might they could not get any closer. The Tech offense let go a perfect barrage on the Main South basket, but of no avail, for time after time the ball bounced harmlessly off the backboard. By two pretty long shots and a basket from the free-try line Clark advanced their count to 26 and with Tech trailing by five points the game ended.

Although the game was hard and fast for one in which the feeling between the teams was so intense, but few personal fouls were called. Tech

(Continued on Page 2, Col. 4)

BROWN GAME

Tech returned to form last Saturday by handing a second defeat to Brown, a defeat more decisive than the first. Although Brown managed to threaten the score several times and even brought it to a tie once, the fast playing and certain confidence of the Tech team was never once in doubt, notwithstanding the fact that at the close of the game there were three Freshmen on the floor, Berry and Sharpe being the only regulars to last during the entire game. It was a game of ups and downs; at once a snappy breath-taking battle in which all kinds of passwork and dribbling were exhibited and then again and at not so frequent intervals, passes went wild as did many shots. Brown had a slight edge in working the ball back and forth, the men passing by instinct but Tech's great defense could not be overwhelmed in this manner. Capt. White, playing against the coach's wishes because of his illness, put up a scrappy game beside exhibiting a remarkable scoring ability. Again and again he came down the floor to cage a two-pointer. During the second half, though his weakness began to tell on him, and he was forced to leave the game on his fourth personal foul. His willingness to leave the sick bed and get into the game instilled all kinds of fight into the team, for Tech was well nigh unbeatable. Tech's high scorer was Tom Berry, well deserved earner of nineteen points. Tom seemed to have his eye on the hoop, staming all sorts of shots, one of which was a long one from the center of the floor that went clean through without hitting the rim, a feat which Tom has been trying to do for a long while. Berry again showed his remarkable ability to dribble through all defense, completely bewildering the Browns with his shifty floorwork.

The only other regular to last the entire game was Sharpe who exhibited one of the scrappiest games on the floor. No matter how big a man is his opponent, no matter how good he is, Sharpe is always in there giving him all kinds of trouble. Scoring three times from the floor and breaking up many opposing plays, Sharpe's work was of the best. Whelpley played a whirlwind game, but Dugan of Brown was too good a man at guard Jim tried hard to score from all angles but always was confronted by the sturdy back who managed to hold Whelpley scoreless until during the second half, Bittner was sent in to replace him. The Freshmen showed up to good advantage, breaking away for two easy shots. Higgins was all over the floor, breaking up play after play, proving the real stumbling block in Brown's offensive game. However

(Continued on Page 2, Col. 3)

TECH NEWS

Published every Tuesday of the School Year by

The Tech News Association of
Worcester Polytechnic Institute
TERMS

Subscription per year \$2.00
Single Copies 07

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All checks made to the Business Manager.

Entered as second class matter, September 21, 1910, at the postoffice in Worcester, Mass., under the Act of March 3, 1879.

THE HEFFERNAN PRESS

Spencer, Mass.

February 27, 1923

EDITORIALS

There are certain activities on the Hill which at the present time are sorely in need of support. It is not necessary to mention any of these, but to the men on the Hill who are acquainted with them, it seems as if several men with ability were hanging back. It is up to each one to enter into something besides simply the studies of the Institute. We are here primarily for an education but education includes also those activities which will broaden our point of view.

A degree is a wonderful asset but coupled together with character and ability to get along with other men is a "World beating" combination. Do you know the men you are associated with on the Hill? Can you follow their trend of mind or are you simply an outsider who has never tried to understand the workings of your own mind or those of your friends? Even though this is an engineering school each of us would be much better off if we were able to have a course in psychology. This is just the time in every young man's life when the acquaintances made will leave a lasting imprint on his character.

The best way to increase your acquaintances and friends while on the Hill is to become interested in some activity, go out for that activity, and push it hard. We need men at Tech who are leaders, we need men who are workers, and above all we need men who show interest in something else besides themselves. From the third group we look for support, from the second, results, but the first group we follow. Some of us are not so fortunate as to make up those groups which are conspicuous on the Hill and stand out far above the others; but it is possible to support activities and the school, thereby, directly or indirectly, whichever way one cares to look at it, helping ourselves.

BASKETBALL TOURNAMENT

We are fortunate in having Prof. Carpenter connected with our athletics. It was due to his untiring efforts that we were able, last spring, to bring

the New England Intercollegiate to Worcester. It is with pleasure that we see near at hand an Intercollegiate Basketball Tournament which will allow the High Schools of this county to come together in a common meeting.

The High Schools will not only be benefited but at the same time it will give Tech a chance to show these prospective college men what we have here on Boynton Hill. It will give Tech a certain prestige and for this fact alone Prof. Carpenter should be given all the support possible by the entire school.

ATTEND THE JUNIOR PROM

Sandwiched between the two performances of the Tech Show comes the one really big dance of the year for Tech men. Friday evening, April 6, will find loyal Tech students on their way to the Bancroft, where dancing will begin at nine o'clock. At midnight lunch will be served, after which dancing will be resumed until three.

Every true Tech man wants to go. Are you going? The initial tickets have been distributed and may be secured from any member of the committee, or from the respective fraternity representatives. This function of our school life will be, in all respects, the same as last year. Since this is Tech's largest formal affair, the best of orchestras has been obtained. Do you remember the music at the Interfraternity dance last year? The same one, namely Wittstein's Orchestra of New Haven, has been secured again to play at the Prom.

The Committee for the Prom has completed practically all the arrangements.

NEW MEN FOR MANDOLIN CLUB

New material for the Mandolin club is badly needed. There have not been nearly enough men out for rehearsals. The present members should show up more frequently, and new men have an excellent opportunity if interested. Concerts will be coming along in rather quick succession now, as there are several out-of-town concerts already planned. The first of these is to be in Whitinsville on March 2. In preparation for these concerts, there will be rehearsals in the gym Tuesday, Wednesday, and Thursday nights at five o'clock. Numbers played by the club formerly have been changed, so that it is necessary for old and new members alike to attend all rehearsals if they expect to take the trip. So if you have played a mandolin or banjo, show up at the rehearsal tonight.

Mechanical Engineering Department Worcester Polytechnic Institute

At the regular meeting of the Worcester Polytechnic Student Branch of the American Society of Mechanical Engineers, to be held next Friday, March 2nd, at H. A. M. Harry H. King, '13, Comptroller, Better Brushes, Inc., Palmer, Mass., will speak on "The Engineer in the Field of Accountancy." S. N. McCaslin, '21, is now in the Production Department of the Heald Machine Company.

At the Conference on Water Power Development held at the University of Toronto, Toronto, Canada, Feb. 19 to 27, Prof. C. M. Allen is on the program for a lecture on "Testing Water Wheels in the Field." On his return he is to meet a group of Tech men in Buffalo.

The Washburn Shops have received a cable order for a Drill Grinder for shipment to Coventry, England.

John V. Russell, '22, is at present Assistant Engineer with the Fibroid Corporation of Indian Orchard.

H. A. Johnson, '22, is now in the Sales Dept. of the K. B. Noble Co., Hartford, Conn.

BROWN GAME

(Continued from Page 1, Col. 5)

during the second half, "Hank" also proved to be a little too ready to block his opponents and was sent to the showers on his fourth personal foul.

The game opened with a fight for the tap for Brown gave Tom Berry quite a scrap and Brown started a whirlwind passing game, whereupon White tried too hard and with a result that Wagnknecht caged a free try. Tom put Tech even by doing the same thing which he followed up a few minutes later by a one-arm shot. Brown began to pass like lightning and it was not long before they had tried to score. The Tech defense stiffened and the most that Brown could do was a vain attempt at long shots. During the midst of play, Tom suddenly broke away and dribbled the whole length of the floor for a basket to the center of the Brown backs. After both teams had added free tries to their scoring column, White dribbled the whole length of the floor for a basket, whereupon Brown woke up and began to score. Tom uncorked a one-arm shot over his head that was wonderful, sending the crowd into an uproar. Tech's offensive increased as the game progressed and Brown's scoring was principally on free tries. Sharpe broke into the scoring column with a pretty shot from center. Again Tom attempted to dribble the whole length of the floor, but Bacon stopped him and in so doing committed his fourth personal foul and was replaced by Williams who gave Tom no trouble at the tap. The new center broke into the scoring column immediately with a pretty shot from the center of the floor. Brown scored again shortly but could not quite break the lead before the end of the period when the score stood at 19 to 17 for Tech.

The Brown team came on the floor for the second half full of fight and ready to overcome the lead. Bittner started instead of Whelpley and immediately began to show fight. Yet the Brown offensive caged the basket that brought the score to a tie. Then Tech went off on a rampage. White started with a pretty shot from the side which Tom shortly followed up with a wonderful long shot from the center. Sharpe and Berry again broke away for shots and after a free try, Tech had an eleven point lead. The Brown offense had crumbled. White scored again, this time from the center of the floor which was followed by a short shot from Bittner, his first counter. Higgins was sent out on four personals and White soon followed for the same reason. Lyman and Parsons, who were sent in to replace the men playing a great game, could not stem the overwhelming Brown rally which came in the closing minutes of play. With Tech holding a thirteen point lead, the opponents cut the lead down to seven points, breaking away again and again for easy shots from under the basket, yet the time was too short for even a close score. Bittner scored again just before the gun went off which marked the close of the game, the score standing at 37 to 30.

Score:
TECH—37 30—BROWN
Whelpley, Bittner lf ----- rb Dugan
Sharpe rf ----- lb Tuckerman
Berry c ----- c Bacon, Williams
Higgins, Lyman lb ----- rf Wagenknecht
White, Parsons rb ----- lf Mitchell
Baskets from floor, Sharpe 3, Bittner 2, Berry 3, White 4, Wagenknecht 3, Mitchell 4, Bacon, Williams, Dugan 2. Baskets on free tries, Berry 9, Wagenknecht 8. Free tries missed, Berry 4, Wagenknecht 6. Fouls called on Sharpe, White 4, Higgins 4, Lyman, Wagenknecht 2, Mitchell, Bacon 4, Williams, Tuckerman. Referee, Dan Kelly, Harvard. Timer, Kimball.

Time, 20-minute halves. Attendance, 800.

CLARK GAME

(Continued from Page 1, Col. 4)

was the worse offender in this line, being a little too anxious in their guarding, but for the most part both teams played a clean, hard brand of basketball.

The battle between the two opposing centers, Tom Berry and Kalijarvi, was an interesting one to watch. Before the opening of the game it looked as if Clark would be able to get all their plays started from the tap, for the lanky Main South center stood three or four inches above his opponent, but he needed something besides height to get ahead of Tom, who beat him to the tap almost every time they jumped. On the floor Tom played his usual game, scoring more baskets than anyone else on the team, and continually feeding the forwards. Time after time he broke through the Clark defense which was laying for him to a man, and dribbled the ball down under the opposing hoop. Kalijarvi played a good game on the floor, but failed, as many others have before him, to keep Berry covered. His height made him a dangerous opponent under the basket as he could follow up shots and pick them off the backboard almost as soon as they struck it. He played a big part in Clark's defensive game, and at times when he got to waving his arms around he looked like a giant windmill.

Sharpe put up his usual scrappy brand of play and succeeded in scoring three times from the floor, but even at that seemed to be somewhat off in his shooting. Whelpley, who failed to locate the basket a single time, was replaced in the second half by Delphos. This speedy little forward put up a fast game and dropped

one counter through the hoop while he was in the fray, but again hurt the shoulder that has been bothering him all season.

Capt. White played a great game, though the effects of his sickness of the past week began to tell on him towards the end. Even at that he stuck it out to the last minute. Higgins, the other back court man, put up a hard defensive game but his guarding was of no avail against shots from the middle of the floor.

Line-up:
CLARK COLLEGE—26 21—TECH
Husbands lf ----- rb White, Higgins
Fowler rf ----- lb Higgins, White
Kalijarvi, Osborne c ----- c Berry
Holmes (Capt.) lb ----- rf Sharpe
Towne rb ----- lf Whelpley, Delphos
Baskets from the floor, Fowler 4, Husbands 2, Kalijarvi 3, Osborne Holmes, Sharpe 3, Delphos, Berry 4, White. Baskets on free tries, Fowler 4, Berry 3. Free tries missed, Fowler 8, Berry 2. Fouls called on Husbands, Osborne, Holmes, Sharpe 2, Whelpley, Delphos, White 2, Higgins 2. Referee, Dan Kelly. Timer, Kimball. Time, 20-minute halves. Attendance, 2200.

SIGMA XI TO HAVE MEETING

The fifth meeting of the Worcester Polytechnic Institute Chapter Society of Sigma Xi for the year 1922-1923 will be held on Wednesday evening, February 28, at eight o'clock, in room 113, M. E. building.

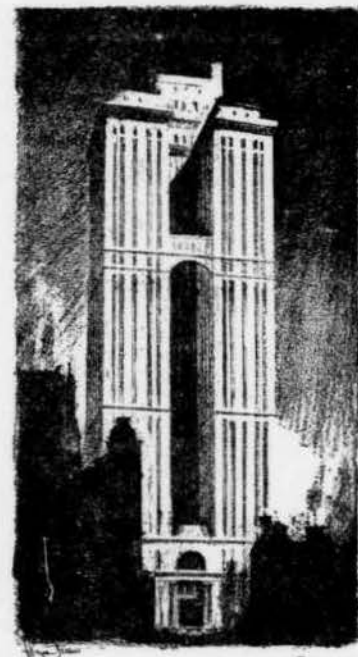
Speaker: Prof. H. F. Taylor, subject: American Highways of Today. All interested are invited.

Next meeting, Wednesday, March 28th: Speaker Dr. R. K. Morley, subject: Geodesics of a Torus.

Thomas: How do you like your new dress, my dear

Thomasine: It doesn't quite come up to my expectations.

Thomas: Well, they aren't wearing them quite that high this year, agnost



The Magnolia Petroleum Building, Dallas, Texas

ALFRED C. BOSSOM,

Architect

Drawn by

Hugh Ferriss

"Sheer Height"

THE American business building represents a distinct and national architectural style when its design frankly emphasizes its sheer height and outwardly expresses the inner fact of its construction. The tall buildings which stand as monuments throughout the country to the vision of our architects and the skill of our engineers have, in the gigantic profiles which they rear against the sky, the true American spirit of aspiration and progress toward even greater achievements.

Certainly modern invention—modern engineering skill and organization, will prove more than equal to the demands of the architecture of the future.

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TECH SECONDS DEFEATED BY BOYS' CLUB

Another defeat was handed the Tech Seconds Thursday night in the Alumni Gym by the Worcester Boys' Club. Neither side played very brilliant basketball.

The game started fairly fast but the fact that they rang the first score seemed an ill omen for our men. "Kizi," back from his place on the Varsity, came through very well, making two baskets. Dimick played a very commendable game also.

One of the features of this game was the uproarious applause tendered the Boys' Club by the Clark College enthusiasts. This was particularly in evidence during the second half. The two Clark cheer leaders were seen to come over during the intermission and speak to the Tech cheer leaders. Maybe they asked us if they might cheer.

At the end of the first half the visitors led with a score of nine to five. During the next period Judson made a flying leap for the ball but he flew too low and Topenellian took his place.

The Boys' Club, during this time, was able to chalk up thirteen more points while we added nine. At no time during the game did Tech lead her opponents.

We noticed a new line-up of our team with Bittner having left us to go to the Varsity.

Line-up:
BOYS' CLUB--22

14--TECH SECONDS
Kasper lf rb Calder
Poley rf lb Judson, Topenellian
Tisdell c c Dimick
Powers lb rf Kizirbohisian
Morissey rb lf Lyman
Baskets from floor, Kasper 5, Poley 2, Tisdell 3, Kizirbohisian 2, Lyman, Dimick, Topenellian. Baskets on free tries, Kasper 2, Kizirbohisian 4. Free tries missed, Kasper 5, Kizirbohisian 4. Fouls called on Kasper, Tisdell, Morissey, Powers 3, Kizirbohisian, Calder 3. Referee, Dan Kelly. Timer, Kimball. Time, 20-minute halves. Attendance, 2200.

SCPTICAL CHYMISTS WILL HOLD OPEN MEETING

On next Monday, March 5, the Sceptical Chymist Society will hold an open meeting in the Chemistry Lecture room in the Salisbury Building. The speaker will be Dr. Jenks, who will talk on "Patents." He has had much experience along this line and is well

authorized to talk on this subject so he should prove very interesting. This is a subject that all students on the Hill should learn more about for it is a vital question in political science.

C. E. DEPT. NOTES

Several blueprints and books have been secured for the department of Civil Engineering which are of unusual interest. Of the list three items are worthy of special mention.

Blueprints from A. B. Cothrell, Chief Engineer of the Boston & Maine R. R., giving the track layout and profile of the existing tracks from Union Station, Worcester, to Barber's Crossing, have been secured. These prints will be used by R. H. Shaw and Richard Walberg in connection with their thesis entitled, "The Worcester Grade Crossings, With Special Reference to Industrial Sidings."

The second article is a statistic table written by A. V. Stiles, State Reclamation Engineer of Texas, and published by the State of Texas. Without doubt this is the most complete statistical table ever published. Differences of elevations are given for angles from zero to thirty degrees and for distances from 100 ft. to 1000 ft. This table will be of great service in the summer practice course in Topographical Surveying.

Finally, three large blueprints have been obtained of the Castleton Bridge and Freight Cut-off of the New York Central R. R. near Albany. This is a twenty million dollar project. These prints will be used in connection with the course in Masonry and Stereotomy.

Two innovations have been introduced into the course in Water Supply Engineering for the Senior Civil Engineers. The first is a series of ten minute reports by members of the class given at the end of the hour. The titles for the first set of reports are: "The Water Supply of Ancient Rome," by J. C. Adams; "Symira and Other Organisms in the Catskill Water Supply and Measures for Their Control," by W. C. Hathaway; "Scientific Methods of Water Treatment," by A. P. Hayden; "The \$60,000,000 Addition to the Boston District Water Supply," by E. G. Reed; "The Hydraulic Design of Bridge Waterways," by K. C. Roberts; "The General Requirements of the Board of Fire Underwriters," by R. H. Shaw; and a "Description of the Highest Dam in Europe," by Richard Walberg.

The second change in the course is the introduction of the Elements of Engineering Geology to questions of Civil Engineering Construction with special reference to water supplies.

The following Alumni are members of special committees of the American Society of Civil Engineers: John M. Goodell, '88, on Highway Engineering; and Harrison P. Eddy, '01, on Flood Protection Data.

At the recent annual meeting of the American Society of Civil Engineers, Alfred D. Flynn, '03, presented a paper on "The Work of the Engineering Foundations and of the Engineering Division of the National Research Council."

Merton H. Cutler, '17, formerly of the Turner Construction Company, and the Morrison Skinner Company, has entered the organization of Stone & Webster Inc., Boston, Mass., as an engineer in the structural division.

WIRELESS ASSOCIATION NOTES

An election of officers was held at the meeting of the Wireless Association on Friday afternoon, Feb. 23. The results were as follows: President,

M. C. Potter, '25; Vice President, F. H. Scheer, '23; Corresponding Secretary, A. R. Brown, '25; Recording Secretary, C. F. Stevens, '25; Treasurer, G. I. Pierce, '25; Chief Operator, O. A. Brewster, '26.

Other business at the meeting was the accepting of the names of four new men for membership, and the appointing of A. R. Brown to the position of publicity manager.

Arrangements have been made for a series of tests with the French Radio Station, SABB, at Nice, France, during which it is hoped two-way communication will be established, inasmuch as the Tech Station was heard at SABB, and the latter heard in the United States during the recent Trans-Atlantic Tests.

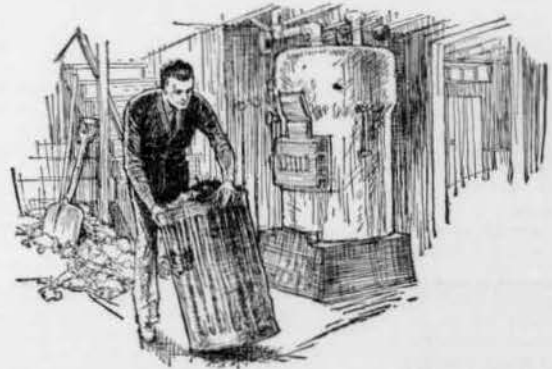
A number of changes have recently been made at the station. A new panel controlling the high voltage and antenna connections has been installed, and the instrument table resurfaced. Also the high and low voltage wiring has been placed in conduit, and a test panel installed on a separate table.

The request of the association to be licensed to transmit on 275 meters instead of 375 meters has been granted,

and the transmitter reconstructed to operate on this wave length, as well as the regular 200 meters. There are now two receiving sets, and high and low power transmitters for the use of authorized members of the association. The interrupted C. W. apparatus has been removed, which incidentally will do away with much interference with broadcast listeners.

RIFLE ASSOCIATION NOTES

Last night a dual match was shot with Yale. This was a ten man match each man shooting ten shots prone and the final score for the match consisted of those of the high five men. Several Freshmen shot in this match and did very well. There will be three more matches under exactly the same conditions and any man who can shoot a good prone target should show it to Cushman, who is captain of the team, and he will get a good chance to shoot in one of these matches. Three N. R. A. matches have been shot. As there are only four this year they will be finished this week and our standing in these matches will be determined very soon after this.



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IN fiction and the movies all college men naturally fall into two groups. Those who pass their days and nights "Rah! Rah!"-ing and snake-dancing; and those who never appear except with evening clothes—and cane.

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FRATERNITY NOTES

Phi Gamma Delta

A house dance was held the evening of the twenty-first. Mr. and Mrs. Winthrop S. Pratt were chaperones. Edward Jones, '26, has returned to school and is again pledged.

A. L. Lewis, '09, has removed to Detroit, where he is sales manager for the Detroit Machine Tool Company. Mr. and Mrs. Lewis recently announced the birth of a son.

Alpha Tau Omega

Johnny Johnston, ex-'23, and "Church" Wilder from M. I. T. were recent visitors at the house.

A house dance was held Wednesday evening, Feb. 21, with about twenty-five couples present. Prof. and Mrs. Phelon were the chaperones.

Phi Sigma Kappa

A formal house dance was held the twenty-first. Music was furnished by the Serenaders. Mr. and Mrs. J. L. Manson, and Dr. and Mrs. J. B. Zinn were the chaperones.

Austin Welch, '18, was a recent visitor at the house.

Lambda Chi Alpha

A house dance was held the evening of the twenty-first.

Recent visitors at the house were: Miles Smith, ex-'24, Hall Clough, ex-'24, Carl Carlstrom, ex-'23, and Arthur Byaslie, ex-'23, M. I. T.

Sigma Alpha Epsilon

A formal house dance was held Wednesday, the twenty-first. The chaperones were Brother and Mrs. Harry Hastings, and Bro. and Mrs. "Herb" Taylor.

Among recent visitors at the house were: E. Waldo Tillinghast, ex-'24, "Rus" Norton, ex-'23, now at B. U.

Theta Chi

"Sial" Anthony ex-'24, R. K. Whitney of Dartmouth and Robinson, a member of the M. A. C. track team, were recent visitors at the house.

Theta Chi wishes to announce the pledging of C. H. Nordstrom, '25. An informal dance was held at the house Wednesday evening, Feb. 21.

Delta Tau

Delta Tau announces the initiation of Clinton S. Davis, John C. Gilbert, Gordon S. Bird, Frank T. Johnson, Lyle S. Marston, Sherman M. Hall, Emerson A. Wigan, William E. Taylor and Robert E. Johnson; all from the class of 1926.

The annual House Party and Convocation was held last week. Twenty three couples were present at the party which consisted of a sleigh ride

L. B. WHEATON

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to the Holden Community House where a supper and a dance was held. On Friday the usual House festivities were held and Thursday the formal dinner and dance was held at Baratti-Rile's. Guests at the House Party were: Mrs. Perkins, Rutland Vt.; Miss Kemp, of Adams, Mass.; Miss Phyllis Woodruff, Boston, Mass.; Miss Alice Walley, Seattle, Wash.; Miss Carol Wood, Hudson, Mass.; Miss Haley, Princeton, Mass.; Miss Marion Hunt, Barre, Mass.; and Miss Miss Lillian Englund, Miss Ruth Mansfield, Miss Mary Smith, Miss Dorothy Mandeville, and Miss Elizabeth Fallon, of Worcester. Mr. and Mrs. Lovell '18 were chaperones at the Party. Mr. and Mrs. Coolidge, '16, Mr. and Mrs. Hancok, '20, Mr. and Mrs. Champney, '08, Mr. and Mrs. Carleton, '08, Mr. and Mrs. Howell, '10, and Miss Cortes and Harold Hunt, '20 were present at the formal dance. Prof. and Mrs. A. J. Knight and Mr. and Mrs. Lovell were patrons and patronesses at the formal dance.

On Saturday the annual convocation was held and on Saturday night a banquet was served at the State Mutual. Fifty-two members of Delta Tau were present this year, which is the largest reunion that the fraternity has ever had. Among those present at Convocation were Powers, '17, Nashua, N. H.; E. D. Johnson, '12, W. L. Martin, '21, R. G. Bennett, '22, Maddock, ex-'24, of Boston; N. G. Loud, ex-'24, of Weymouth; R. H. Martin, '20, Bristol, R. I.; B. C. Shaw, '22, Fall River; and Sanborn, ex-'24, of Dover, Mass.



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INTERSCHOLASTIC BASKETBALL TOURNAMENT AT TECH

Arrangements are being made for the first annual invitation Basketball Tournament which will be held in Alumni gymnasium March 9 and 10. Entries are open to the high schools of the county and the Tournament will decide the high school championship of Worcester County.

The number of teams to enter will be limited to sixteen, and to date four entries have been received, namely: Gardner, Fitchburg, North and Shrewsbury High.

The winning team will be presented the "Worcester Polytech" cup which has been set up as the trophy by the Athletic Association.

Entertainment, lodging and meals, will be furnished the visiting teams, and they are all invited to remain to the Rensselaer-Worcester game which will be played on the second day of the meet.

It is expected that the Tournament will prove full of close games. The Gardner, Fitchburg and Worcester high schools have enjoyed successful seasons, and it is expected that the final fight will rest on two of these teams. Don Bennet, the former Springfield forward, is coach of the Gardner Five and one can plan to watch a fast, shifty combination from this school. Coach Amiot's Five from Fitchburg have been seen on the Alumni floor before, their plays will match with the best in the tournament as will those from the four Worcester High Schools and from Clinton.

EXTENSION COURSES

(Continued from Page 1, Col. 3)

AERONAUTICS. Five lectures, open to the public. Physics Lecture Room, Salisbury Laboratory, West Street, Friday afternoons, 4:45-5:45, P. M., March 2, 9, 16, 23, 30, 1928. By Professor A. W. Ewell.

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